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MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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HELENA, MONTANA 59601

Vol. XXIV, No. 10 **OCTOBER, 1975**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of October, 1975, averaged 89,630 barrels daily, a decrease of 2,944 barrels from the average 92,574 production in September.

The seven refineries in the state processed 118,371 barrels of crude oil daily for the month of October, 1975, a decrease of 24,735 barrels from the 143,106 barrels processed daily during the month of September.

During October, 166 wells were completed, 15 oil, 63 gas, and 88 dry holes.

During October the Board issued 93 permits to drill new wells, a decrease of 24 from the 117 permits issued during September.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC. IN MONTANA
MONTH OF OCTOBER, 1975

IN STORAGE OCTOBER 1st	
By Producers	343,556
By Transporters	1,296,846
By Refiners	1,040,834
TOTAL STORAGE	2,681,236
Produced in Montana During Month..	2,778,522
Imported During Month	2,933,101
TOTAL	8,392,859
DISPOSITION:	
Refined in Montana	3,669,505
Exported	1,969,027
Used for Fuel or Lost	4,086
TOTAL	5,642,618
IN STORAGE OCTOBER 31st	
By Producers	335,834
By Transporters	1,312,271
By Refiners	1,102,136
TOTAL STORAGE	2,750,241

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA
Month of October, 1975

Field	M. C. Ft.
NATURAL:	
Big Coulee	117,352
Black Coulee	8,648
Blackjack	34,547
Bowdoin	465,312
Bowes	51,004
Brown's Coulee	3,122
Cedar Creek	139,398
Canadian Coulee	77,275
Coal Coulee	40,288
Cut Bank (including Reagan)	409,673
Dry Creek	67,769
Ethridge	8,527
Flat Coulee	21,314
Gold Butte	42
Hardin	2,660
Keith Block	111,134
Kevin Sunburst	42,938
Kicking Horse	15,284
Lake Basin	81,712
Liscom Creek	36,971
Middle Butte	1,858
Mt. Lilly	17,157
North Clark Fork	26,402
Plevna	4,841
Pumpkin Coulee	89,777
Rapelje	67,418
Sherard	181,982
Strawberry Creek	17,878
South Clark Fork	1,578
South Devon	6,894
Tiger Ridge	1,408,960
Timber Creek	— 0 —
Trail Creek	12,451
West Butte	22,111
Whitlash	87,028
ASSOCIATED:	
Bell Creek	9,112
Cabin Creek	53,855
Elk Basin	17,830
Fairview	34,384
Glendive	750
Pine	47,730
Richland	43,504
Tule Creek	10,557
TOTAL	3,899,027

Total withdrawals for October were 3,344,914 MCF.

PRODUCERS REPORT — MONTH OF OCTOBER, 1975

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	331	771		603		499
1	Bainville	1	1,661	1,949		1,486		2,124
2	Bannatyne	2		419	419			
6	Bear's Den	7	1,382	951	997			1,336
15	Bell Creek	187	14,061	711,401	710,693		8	14,761
	Benrud		223					223
3	Benrud East	3	1,700	11,015		11,174		1,541
1	Benrud Northeast	1	805	1,442		1,735		512
1	Berthelote	1	316	109				425
3	Big Muddy	3	589	17,379	16,879			1,089
5	Big Wall	14	795	5,966	5,527			1,234
5	Blackfoot	6	401	1,738	1,124			1,015
2	Border	7	2,794	334		608		2,520
1	Bowes	51	4,732	10,444	11,148			4,028
1	Bradley	1	227	473	405			295
4	Brorson-Madison	4	1,414	2,319		2,217		1,516
4	Brorson-Red River	4	6,085	4,797		4,633		6,249
3	Brorson-Red River South	3	2,133	6,671		6,945		1,859
6	Brush Lake	6	889	11,315	10,921			1,283
1	Burns Creek	1	431	1,192		1,192		431
2	Cabin Creek	83		158,249	158,249			
1	Canal	1	1,236	1,944		2,640		540
9	Cat Creek	39	2,728	10,402	10,639			2,491
1	Chelsea Creek	1	408			201		207
1	Clark's Fork	1	148	80		217		11
2	Clark's Fork North	2		2,223		1,745		478
1	Clark's Fork South	1	1,153	697		597		1,253
2	Conrad South	2		420	420			
2	Cow Creek	2	325	486		422		389
5	Cow Creek East	6	630	13,383		13,420		593
2	Culbertson	2	1,081	8,363		8,122		1,322
9	Cupton	11	8,638	11,355	11,700	2,640		5,653
139	Cut Bank	849	60,691	196,536	181,612	18,106	120	57,389
	Dean Dome		65					65
1	Deer Creek	1	266	908	912			262
	Delphia		169			81		88
	Devil's Basin		464					464
2	Dwyer	10	3,807	9,135	8,472			4,470
3	Elk Basin	52	620	93,265	93,270			615
5	Elk Basin Northwest	11	1,750	3,343	3,101			1,992
4	Fairview	8	8,533	20,538	9,805	12,033	150	7,083
2	Fertile Prairie	2	507	1,050		789		768
4	Flat Coulee	20	1,856	10,431	9,973			2,314
24	Flat Lake	48	2,520	50,576	50,827			2,269
6	Flat Lake South	6	971	7,121	7,296			796
1	Ft. Gilbert	2	624	5,836	5,878			582
1	Frannie	1		713	713			
15	Fred and George Creek	31	2,573	29,047	28,630		291	2,699
1	Froid South	1	659	702		834		527
1	Gage	1	148	121		187		82
3	Gas City	18	6,729	19,327	21,804			4,252
1	Girard	1	1,385	1,158		1,370		1,173
12	Glendive	15	2,055	21,554	20,683			2,926
13	Goose Lake	31	4,819	21,662	22,387			4,094
13	Graben Coulee	34	7,693	6,103	2,416	3,242	220	7,918
2	Gumbo Ridge	3	453	12,766		11,814		1,405
2	Gypsy Basin	2		1,140			311	829
1	Hay Creek-Mission Canyon	1	210	1,000	1,046			164
1	Hay Creek-Red River	1	626	2,214	2,477			363
1	Hibbard	1	330	145				475
4	Hiawatha	4	1,934	4,167	3,921		5	2,175
1	Howard Coulee	1	269	351				620
4	Ivanhoe	9	1,757	2,454	2,841			1,370
2	Jim Coulee	18	4,012	59,668	60,119			3,561
5	Keg Coulee	21	3,796	10,435	10,333		46	3,852
2	Keg Coulee North	2	622	2,201	2,221			602
1	Kelley	3	1,498	5,679	5,958			1,219
97	Kevin Sunburst	452	11,810	29,633	27,559	1,856		12,028
1	Laird Creek	11	916	1,656		1,678		894
2	Landslide Butte	2	1,294	337		620		1,011
3	Leary	3	1,610	1,207		1,101	106	1,610
2	Little Beaver	24	45	36,353	36,372			26
2	Little Beaver East*	9	2,351	13,542	13,911			1,982
6	Little Wall Creek	7	2,515	25,724	25,011			3,228
3	South Little Wall Creek	3	1,097	14,117	14,096			1,118
1	Lodge Grass	1	388	837		307		918
2	Lone Butte	2	1,227	5,598		5,580		1,245
7	Lonetree Creek	7	5,608	16,633		17,546		4,695
3	Lookout Butte (Coral Creek)	3	381	49,630	49,532			479
2	Mason Lake	2	184	553	361			376
2	Melstone	2	748	1,678	1,932			494
1	Mineral Bench	1	179	335	395			119
1	Miners Coulee	1		257		257		
7	Monarch	11	2,081	9,848	7,666	2,357		1,906
2	Mosser	2		368		368		
2	Nohly	2	548	10,755		10,083		1,220
3	Otis Creek	3	1,577	3,406		3,449		1,534
7	Outlook	9	6,682	22,317	20,670			8,329
1	Outlook South	1	1,737	16	1,753			
2	Outlook West	2	2,276	1,775	2,321			1,730
1	Pennel	111		211,559	211,559			
4	Pine	112	17,369	228,811	227,303			18,877
58	Pondera	265	4,548	25,802	25,546			4,804
10	Poplar	65	9,769	51,941	54,519			7,191
2	Poplar Northwest	2	1,562	1,654	1,475			1,741
	Prairie Elk		553					553
1	Pritchard Creek	4	154					154
2	Putnam	2	242	2,532		2,136		638
3	Rabbit Hills	3	1,697	4,239		5,012		924
12	Ragged Point	28	6,311	18,107	18,517			5,901
2	Rattlesnake Coulee	2	545	210		24		731
6	Raymond	7	1,921	20,080	20,105			1,896
2	Northeast Raymond	2	995	4,037	4,148			814
3	Reagan	52	821	12,027	12,053			795
1	Red Creek	19		10,049	10,049			
1	Red Fox	1	337	560	642			255
1	Redstone	1	637	1,323	1,696			264
1	Repeat	1	400	1,069		1,069		400
3	Reserve	4	2,283	3,529	3,657			2,155
1	Richey	1	335	1,037		865		507
1	Richey Southwest	5	786	1,317		1,664		439
1	Riprap Coulee	1	568	1,069	1,307			330
3	Rosebud	4	1,360	8,056	8,261			1,155
1	Rush Mountain	1	610	2,240	2,604			246
2	Salt Lake	3	433	2,571		2,639		365
3	Sand Creek	4	727	3,302	3,115			914
2	Second Creek	2	1,363	5,792		5,858		1,297
2	Sheepherder	2	499	989	1,007		6	405
8	Sioux Pass	8	5,804	40,795	40,882			5,717
1	Snyder	3	452	536		406		582
9	Soap Creek	21	1,621	4,763	3,920			2,464
2	Spring Lake	2	811	1,310		1,596		525
3	Stensvad	8	3,093	7,799	7,064			3,758
24	Sumatra	95	22,782	195,005	193,479		769	23,539
5	Tule Creek	5	2,363	14,160		13,927		2,596
2	Tule Creek East	2	1,448	2,080		2,579		949
2	Tule Creek South	3	1,205	1,510		2,095		620
2	Vida	2	751	900		909		842
5	Volt	6	2,665	9,079		8,195		3,549
1	Wagon Box	1	497	282		374		335
3	Weldon	3	1,253	3,654	3,932			975
1	West Butte	1		893		893		
22	Whitlash	47	8,892	13,093	12,632			9,353
	Whitlash West		284					284
2	Willow Creek North	2	612	1,581	1,480			713
3	Wills Creek South	3	279	3,246	3,137			388
4	Winnett Junction	4	1,255	3,940		4,985		1,010
2	Wolf Springs	2	756	1,387		1,156		987
2	Woodrow	2	207	1,794	1,672			449
3	Wright Creek	5	1,502	823	918		26	1,381
	Wildcat, Fallon Co.		51					51
1	Wildcat, Liberty Co.	1	234	79				313
	Wildcat, McCone Co.		52					52
1	Wildcat, Roosevelt Co.	1	643	443		875		211
	Wildcat, Toole		158					158
776	TOTALS	3,150	342,556	2,778,522	2,574,074	210,112	2,058	835,834

*Montana Oil only

TRANSPORTERS REPORT — MONTH OF OCTOBER, 1975

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			603				603		
BAINVILLE—Koch Oil Co.			1,486				1,486		
BEAR'S DEN—Truck		997					997		
BELL CREEK—Continental Pipeline	47,213	710,693					444,721	276,004	37,181
BIG WALL—Continental Pipeline Co.		5,527				5,527			
BLACKFOOT—Phillips Petroleum Co.		1,124						1,124	
BORDER—Permian Corp.			608					608	
BOWES—Texaco		11,148					11,148		
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—Koch Oil Co.			13,795					13,795	
BRUSH LAKE—Portal Pipeline Co.		10,921					10,921		
BURNS CREEK—Western Crude Oil, Inc.			1,192				1,192		
CABIN CREEK & OTHERS[1]—									
Butte Pipeline Co.	287,399	397,043	32,552	1 251,950			1,703,344		266,600
Shell Pipeline Co.	2,295	49,337			260			47,453	3,919
	289,694	446,380	32,552	1,251,950	260		1,702,344	47,453	270,519
CANAL—Koch Oil Co.			2,640				2,640		
CAT CREEK—Continental Pipeline Co.		10,539				10,539			
CHELSEA CREEK—Western Crude Oil, Inc.			201				201		
CLARK'S FORK & CLARK'S FORK SOUTH—Permian Corp.			2,559				2,559		
COW CREEK & COW CREEK EAST—Western Crude Oil, Inc.			13,842				13,842		
CUT BANK—									
Continental Pipeline Co.		911,401	8,432					919,833	
Phillips Petroleum Co.	111,676	79,699		44,454	2,118	157,441			76,270
Texas Pipeline Co.	19,271	23,577		74,373		100,085			17,136
Union Oil Co.	26,098	44,360			749	39,753			29,956
Western Oil Trans. Co.		37,185				37,175			
Western Oil Trans. Co. (Moulton)		73,426				73,426			
	157,045	1,169,648	8,432	118,827	2,867	407,890		919,833	123,362
DELPHIA—Truck			81			81			
DWYER—Portal Pipeline Co.		8,472					8,472		
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		96,371				96,371			
FAIRVIEW—									
Fairview Pipeline Co.		9,805					9,805		
Koch Oil Co.			12,033				12,033		
		9,805	12,033				21,838		
FLAT COULEE—Phillips Petroleum Co.		9,634				9,634			
FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co.		55,342					55,342		
FT. GILBERT—Fairview Pipeline Co.		5,878					5,878		
FRANNIE—Interstate Pipeline Co.		713					713		
FRED & GEORGE CREEK—Phillips Petroleum Co.	21,048	38,674			397	42,381			16,944
GAGE—Truck			187			187			
GIRARD—Koch Oil Co.			1,370				1,370		
GLENDIVE, DEER CREEK, WOOD-ROW & SAND CREEK—Texas Pipeline Co.	3,122	20,915						23,849	188
GOOSE LAKE—Portal Pipeline Co.		22,387					22,387		
GUMBO RIDGE—Permian Corp.			11,814					11,814	
HAY CREEK—Fairview Pipeline Co.		3,523					3,523		
HIAWATHA—Continental Pipeline Co.		5,716					5,716		
IVANHOE—Continental Pipeline Co.		2,840				2,840			
JIM COULEE—Continental Pipeline Co.		64,457						64,457	
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		12,358				12,358			
KELLY—Continental Pipeline Co.		5,958				5,958			
KEVIN SUNBURST—									
Big West Oil Co.	5,956	15,214				14,755			6,415
Homestake Oil & Gas Co.	786	4,281				2,140			2,927
Texas Pipeline Co.	15,328	8,432				11,786			11,974
Northern Montana Oil Service	529	16,082				14,083			2,528
	22,599	44,009				42,764			23,844
LEARY—Permian Corp.			1,101				1,101		
LODGE GRASS—Permian Corp.			307			307			
LONE TREE CREEK—Koch Oil Co.			17,546					17,546	
MASON LAKE—Continental Pipeline Co.		361				361			
MELSTONE—Continental Pipeline Co.		1,932				1,745	187		
MIDDLE WALL—Continental Pipeline Co.[2]		18,876					18,876		
MOSSER—Permian Corp.			368				368		
NOHLY—Koch Oil Co.			10,083				10,083		
OTIS CREEK—Western Crude Oil Co.			3,449				3,449		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—Portal Pipeline Co.		23,122						23,122	
PONDERA—Phillips Petroleum Co.	40,954	26,209			433	32,139			34,591
POPLAR, RED FOX, REDSONE—East Poplar Gathering System	5,803	46,883			134			42,910[3]	9,642
PUTNAM—Western Crude Oil Co.			2,136				2,136		
RABBIT HILLS—Koch Oil Co.			5,012				5,012		
RAGGED POINT—Continental Pipeline Co.		18,517				15,897	2,620		
RAYMOND—Portal Pipeline Co.		24,253					24,253		
RED CREEK—Western Oil Transportation Co.		15,204						15,204	
RESERVE—Portal Pipeline Co.		3,502					3,502		
RIPRAP COULEE—Portal Pipeline Co.		1,307						1,307	
ROSEBUD—Continental Pipeline Co.		8,261				8,261			
RUSH MOUNTAIN—Sinclair Ref. Co.		2,604					2,604		
SALT LAKE—Koch Oil Co.			2,639				2,639		
SECOND CREEK—Koch Oil Co.			5,858				5,858		
SHEEPHERDER—Continental Pipeline Co.		1,007						1,007	
SIOUX PASS—Continental Pipeline Co.		40,882					40,882		
SNYDER—Permian Corp.			406			406			
SPRING LAKE—Koch Oil Co.			1,596				1,596		
SUMATRA & STENSVAD—Continental Pipeline Co.	705,487	221,108		1,151,309	(2,063)	162,183		1,127,077	790,707
TULE CREEK, BENRUD, VOLT & OTHERS[4]—Tesoro Petroleum,	3,881		47,431			46,019			5,293
Permian Corp.			2,095			2,095			
	3,881		49,526			48,114			5,293
WAGON BOX—Truck			374				374		
WHITLASH & WHITLASH WEST—Phillips Petroleum Co.		12,630				12,630			
WINNETT JUNCTION—Truck			4,285			4,285			
WOLF SPRINGS—Permian Corp.			1,156			1,156			
WILDCAT WELLS—Truck			875					875	
TOTAL	1,296,846	3,240,687	210,112	2,522,086	2,028	924,014	2,443,433	2,587,985	1,312,271

[1]Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Vida, Weldon and Wills Creek South.
[2]Little Wall Creek and Willow Creek North.
[3]Transferred to Butte Pipeline Co.
[4]Benrud, Benrud East, Benrud Northeast, Culbertson, Froid, Four Buttes, Tule Creek, Tule Creek East, Richey Southwest and Volt.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF OCTOBER, 1975

	Big West Oil Co.	Continental Oil Co.	Exxon Co.	Farmers Union	Phillips Petr. Co.	Tesoro Petr. Co.	Westco Refining Co.	Total
Big Wall		5,527						5,527
Cat Creek		2,605		7,934				10,539
Cut Bank					108,140		99,404	207,544
Devil's Basin			81					81
Elk Basin		38,897	29,671	27,803				96,371
Flat Coulee							9,634	9,634
Fred and George Creek	18,327							18,327
Ivanhoe		2,841						2,841
Keg Coulee		8,952	1,778	1,824				12,554
Kelley			5,958					5,958
Kevin Sunburst	18,500							18,500
Lodge Grass		307						307
Mason Lake		361						361
Melstone				1,745				1,745
Pondera					20,455			20,455
Ragged Point		15,897						15,897
Rosebud		8,261						8,261
Richey Southwest						1,872		1,872
Snyder		406						406
Sumatra and Stensvad		66,290	43,826	88,829				198,945
Tule Creek and Others						45,811		45,811
Whitlash					32,942			32,942
Winnett Junction				4,285				4,285
Wolf Springs			1,156					1,156
Volt						16,085		16,085
TOTAL Montana Oil	36,827	150,344	82,470	132,420	161,537	63,768	109,038	736,404
Canadian Oil Imported		682,915	396,751	365,000†	27,900			1,472,566
Wyoming Oil Imported		109,360	861,175	490,000†				1,460,535
TOTAL Montana, Canadian and Wyoming Oil	36,827	942,619	1,340,396	987,420	189,437	63,768	109,038	3,669,505

†Estimated

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1974	25,537	44,487	61,627	131,651
September, 1974	23,234	33,087	44,060	100,381
September, 1975	23,755	47,502	47,114	118,371

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
19.40%	33.79%	46.81%
23.15%	32.96%	43.89%
20.07%	40.13%	39.80%

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1974	34,553,962	94,668	34,265,502	93,878
First Quarter, 1975	8,169,636	90,774	7,913,410	87,927
Second Quarter, 1975	8,150,516	89,566	8,171,304	89,794
Third Quarter, 1975	8,276,620	89,963	8,257,064	89,751
October, 1975	2,778,522	89,630	2,784,186	89,812

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage**
December, 1974	320,904	1,434,832	1,108,688	2,864,424
March, 1975	356,347	1,307,754	994,028	2,658,129
June, 1975	330,576	1,315,740	1,295,863	2,942,179
September, 1975	343,556	1,296,846	1,040,834	2,681,236
October, 1975	335,834	1,312,271	1,102,136	2,750,241

*Montana Oil only **Includes Wyoming Oil